



**COURSE DESCRIPTION, OUTLINE, TEACHING PROCEDURES,  
OUTCOMES**

**COURSE TITLE: Web Page Design**

**COURSE DESCRIPTION:**

<http://www.durhamtech.edu/html/current/noncredit/computer.htm#cert>

Students plan, design, create, and publish a working web site. Topics include text editor, interface design, HTML, graphics, and site management. Skills are introduced through structured exercises and applied through individual creative projects. **Word processing or equivalent experience recommended. Textbook required.**

**RESOURCES AND MATERIALS:**

Required Text: **Web Page Design with XHTML/CSS**, Alec Fehl, Labyrinth Learning, 2008, ISBN 978-1591-36129-9

**The textbook is available at the DTCC Bookstore** (at least one week before the class start date): <http://www.durhamtech.edu/html/prospective/bookstore.htm>

Other: **Storage media (e.g. USB flash/thumb/jump drive)**

**TEACHING STRATEGIES: (CHECK THOSE YOU PLAN TO UTILIZE)**

Lecture       Exercises       Role-Playing       Small Group Discussion  
 Reports       Tutorials       Audio Visual       Programmed Instruction  
 Modeling       Field Work       Performance       Select Teachable Moments  
 Lab       Video Tapes       Demonstration

Other (**Describe**):

Does your course require completing a special project or assignment or passing a certain test?

Yes       No      **(If yes, please explain.)**

**A working Website.**

COURSE OUTCOMES:

Upon completion of this course, the student should be able to:

1. Differentiate between a web page and a website.
2. Describe differences between HTML, XHTML and CSS
3. Describe page-centric and site-aware software
4. Use white space effectively to make code easier to edit
5. Demonstrate website design work flow
6. Add images to a web page
7. Insert text and image hyper links
8. Create and format a table
9. Identify best practices when designing with color
10. Add a form to a page
11. Create a website

METHODS OF EVALUATING OUTCOMES: (Please check all that apply)

- |                                                         |                                              |                                                            |
|---------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|
| <input checked="" type="checkbox"/> Assignments         | <input type="checkbox"/> Oral Tests          | <input checked="" type="checkbox"/> Demonstration Skills   |
| <input checked="" type="checkbox"/> Written Tests       | <input type="checkbox"/> Oral Reports        | <input checked="" type="checkbox"/> Instructor Observation |
| <input checked="" type="checkbox"/> Class Participation | <input checked="" type="checkbox"/> Projects | <input type="checkbox"/> Other                             |

THE PRIMARY METHOD OF EVALUATION IS :

**If students are able to accomplish 80% of the course objectives, they will receive a grade of S for Satisfactory, otherwise they will receive a grade of NG for No Grade if they could not meet 80% of the course objectives.** If a student misses more than 20% of the class, but is still able to perform 80% of the class objectives, it is up to the instructor if they pass the student or not.

ATTENDANCE:

**Each student is required to attend at least 80% of the scheduled class time to receive a grade of Satisfactory.**

COURSE OUTLINE:

1. **Introducing Web Technologies**
  - a. **Learning About the Web**
  - b. **Learning About Web Browsers**
  - c. **Introducing Design Standards**
  - d. **Planning a Website**

- 2. Working with HTML,XHTML and CSS**
  - a. Presenting the Past, Present, and Future of HTML**
  - b. Understanding the Language of XHTML**
  - c. Completing Your First XHTML Page**
  - d. Previewing Your Page**
  - e. Naming Web Pages**
  - f. Introducing CSS**
  
- 3. Using Workspace Tools**
  - a. Introducing Website Development Tools**
  - b. Using HTML Editors**
  
- 4. Working with Text**
  - a. Controlling White Space and Line Breaks**
  - b. Using Headings**
  - c. Formatting Characters**
  - d. Working with List**
  
- 5. Editing Images**
  - a. Selecting and Preparing Images**
  - b. Acquiring and Creating Images**
  
- 6. Working with Images**
  - a. Adding Images to a Page**
  - b. Using Optional Attributes**
  
- 7. Working with Hyperlinks**
  - a. Working with Hyperlinks**
  - b. Creating Email Links**
  - c. Hyperlinking from images**
  
- 8. Working with Tables**
- 9. Introducing CSS and Color, and Using CSS to Style Text**
  
- 10. Using CSS for Floating and using the Box Model**
  
- 11. Creating HTML Forms**

**12. Hosting on the Web****13. Migrating and Troubleshooting****14. and 15. Complete Class Projects****DURHAM TECHNICAL COMMUNITY COLLEGE POLICIES:****REGISTRATION AND FEES:**

- 1) N.C. Senior Adults 65 or older pay lab and CAPS fees: \$9 (waived course fees)
- 2) All other students will pay the **total fee** (includes course fee, lab fee and CAPS fee) as listed with the course description:  
<http://www.durhamtech.edu/html/current/noncredit/computer.htm>
- 3) All students must **complete a registration form** three days before the class starts:

**Registration Procedures and links to Registration Forms:**

<http://www.durhamtech.edu/html/corporate/policies.htm#registration>

**Course Registration Information:**

**Program Assistant:** Herleesha Anderson  
[andersonh@durhamtech.edu](mailto:andersonh@durhamtech.edu)

**Computer Program Information:**

**Program Director:** Becky Roehrs  
[roehrsb@durhamtech.edu](mailto:roehrsb@durhamtech.edu)

**DTCC Continuing Education Policies and Procedures:**

<http://www.durhamtech.edu/html/corporate/policies.htm>

**DTCC Appropriate Use of Computing Resources Policy:**

<http://www.durhamtech.edu/html/prospective/studentervicesc.htm#computing>

**DTCC Student Code of Conduct:**

<http://www.durhamtech.edu/html/prospective/studentervicesb.htm#conduct>

**LINK TO STATEMENT OF STUDENTS WITH DISABILITIES:**

<http://www.durhamtech.edu/html/prospective/studentervices.htm#disability>

**STATEMENT OF STUDENTS WITH DISABILITIES:**

Students who require academic accommodations due to any physical, psychological, or learning disability should request assistance from a disability services counselor. Likewise, students requiring emergency medical attention due to a chronic health condition are encouraged to notify a disability services counselor of their condition. Counselors can be contacted by calling the Disability Services coordinator at 919-536-7208. or by visiting the Student Development Office, Wynn Center, Room 1309.